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FORM PTO-1449	ATTY. DOCKET NO.	SERIAL NO.
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	01561.0002.CNUS03	
	APPLICANT: Arnold J. Mandell, et al.	
	FILING DATE: 2/11/04	GROUP: N/A

[Stamp: OIPE MAY 17 2004 PATENT & TRADEMARK]

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
				None			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
				None				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

JSB	AA	Mandell, A.J. (1984) Non-equilibrium behavior of some brain enzyme and receptor systems. Ann. Rev. Pharm. Toxicol. 24:237-274
	AB	Mandell, A.J., Russo, P.V. and Blomgren, B.W. (1987) Complex hydrophobic sequence ~~transformation predicts mutual recognition by polypeptides and proteins. Ann. N.Y. Acad. Sci.~~ 504:88-118.
JSB	AC	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Mode matches and their locations in the hydrophobic free energy sequences of peptide ligands and their receptor eigenfunctions. Proc. Natl. Acad. Sci. 94:13576-13581.
JSB	AD	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Wavelet transformation of protein hydrophobicity sequences suggests their memberships in structural families. Physica A224: 254-262.

EXAMINER: /John S. Brusca/	DATE CONSIDERED: 09/08/2006
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Information Disclosure Statement -- Section 9 PTO-1449

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JSB	AE	Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1997) Hydrophobic free energy eigenfunctions help define continuous wavelet transformations of amino acid sequences of protein families. Proc. Intl. (Fermi) Sch. Phys. CXXXIV, 175-192.
JSB	AF	Di Marzo, E.A. and Mandell, A.J. (1997) Phase transition behavior of a linear macromolecule threading a membrane. J. Chem. Physics 197:5510-5514.
JSB	AG	Mandell, A.J., Owens, M.J. Selz, K.A., Morgan, W.N., Schlesinger, M.F. and Nemeroff, C.G. (1998) Mode matches in hydrophobic free energy eigenfunctions predict protein-protein interactions. Biopolymers 46:89-101.
JSB	AH	Selz, K.A., Mandell, A.J., and Shlesinger, M.F. (1998) Hydrophobic free energy eigenfunctions of pore, channel and transporter proteins contain B-burst patterns. Biophysical J. 7:2332-2342.
	AI	~~Mandell, A.J., Selz, K.A. and Shlesinger, M.F. (1998) Transformational homologies in amino~~ acid sequences suggest membership in protein families. J. Stat. Phys. 93:673-697.
JSB	AJ	Mandell, A.J., Selz, K.A., Shlesinger, M.F., and Kuhar, M.J. (1999) Linear and entropic transformations of the hydrophobic free energy sequence help characterize a novel brain polyprotein: CART. In (M.T. Batchelor and L. Wille, eds.), <u>Statistical Physics on the Eve of the Twenty-First Century.</u> World Scientific, NJ, pp. 131-152.
	AK	~~Manavalan, P. and Ponnuswamy, P.K. (1978) Statistical distribution of hydrophobic residues~~ along the length of protein chains, Biophys. J., Volume 57 pp. 911-921.
	AL	White, Stephen H. and Jacobs, Russell E. (1994) Global Statistics of Protein Sequences: ~~Implications for the Origin, Evolution, and Prediction of Structure. Annu. Rev. Biophys.~~ Biomol. Struct. 23:407-439.
JSB	AM	Doyle, P.M. (1995) Combinatorial Chemistry in the Discovery and Development of Drugs. J. Chem. Tech. Biotechnol. 64:317-324.
JSB	AN	Gordon, E.M., Barrett, R.W., Dower, W.J., Fodor, S.P.A. and Gallop, M.A. (1994) Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions. J. Med. Chem. 37(10):1385-1401.
JSB	AO	Houghton, R.A. (1993) The Broad Utility of Soluble Peptide Libraries for Drug Discovery". Gene 137:7-11.

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JSB	AP	Mandell, Arnold J., Selz, Karen A., and Shlesinger, Michael F. Predicting Peptide – Receptor, Peptide- Protein, and Chaperone-Protein Binding using patterns in amino acid hydrophobic free energy sequences, The Journal of Physical Chemistry B, Vol 104, No. 16, pgs 3953-3959
	AQ	Chorev M. et al. "Recent Developments in Retro Peptides and Proteins – An Ongoing Topochemical Exploration", Trends in Biotechnology, Elsevier, Amsterdam, NL., vol. 13, no. 10, October 1995 (1995-10), pages 438-445, XP004207219 ISSN: 0167-7799
	AR	RAFFA: "Drug-Receptor Thermodynamics: Introduction and Applicatons," May 2001 (2001-05), John Wiley & Sons XP001153602, Mandell et al: Hydrophobic Mode Targeted, Algorithmically Designed Peptide Ligands Structure as Modulators of Protein Thermodynamic Structure and Function page 655-page 700

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